



Feedback from Lower Key Stage 2 children about Mathematics (June 2022)

General questions about Mathematics

Children from Lower Key Stage 2 have feedback on Mathematics. Some of the questions asked may have been slightly re-worded so they were accessible to children of all ages

What is Mathematics about?
<ul style="list-style-type: none">• It helps you carry on with your life and helps you get a better job when you're older.• It's about being smarter.• Getting better at numbers and times tables.
Why is Mathematics important?
<ul style="list-style-type: none">• It's important because, when you know fractions and times tables, you can carry on with your life.• It helps you get more money and be able to count your money.• It helps you get smarter and get a job.
Tell me about your favourite piece of work in Mathematics and tell me why you enjoyed learning about this
<ul style="list-style-type: none">• Doing the times tables because My Kenny puts songs and it's fun.• In fractions, Mr Kenny does American voices and it helps us remember numerator and denominator.• I like fractions because we do a lot and it's fun and I'm getting better.
Are there any areas in Mathematics that you are still unsure about?
<ul style="list-style-type: none">• Some fractions and sometimes it's hard to count in 4s.• Times tables.• Just things that are hard in lessons.
How do you know if you are doing well in Mathematics?
<ul style="list-style-type: none">• When Mr Kenny marks the work and says it's good.• When the teacher brings you up and you do questions on the whiteboard.• Getting ticks in your work.
What happens if you are finding work difficult in Mathematics?
<ul style="list-style-type: none">• You ask the teacher who will help you and remind you what to do.• Working things out on the whiteboard.
What do you need to do to improve your learning in Mathematics?
<ul style="list-style-type: none">• Practice at home and get some maths quiz books.• Ask parents for help.• Use counters and dice to help you.
Over summer term, you completed some work on time in Mathematics, what can you tell me about it?
<ul style="list-style-type: none">• The big hand is the minute hand and the small hand is the hour.• 12 means o'clock, 4 is half and 6 is I've forgotten and the 9 is a two.• Every single number is worth 5 minutes and it gets to 60 minutes which is an hour.• Children read quarter past 12 on the clock.
If you were to complete this work again, what would you do differently?
<ul style="list-style-type: none">• Practice more at home with family members.• You can do some games that teach you time.• I would try and redo the answers that I have got wrong.
Can you explain what some of this Mathematics vocabulary means?
<ul style="list-style-type: none">• Multiple – 2 things• Axis – a shape that has 6 sides.• Acute – no answer given/an angle that is smaller than a right angle.• Factor – different shapes• Numerator – the top number of a fraction• Quadrilateral – a shape with 4 sides.

'Never settle for less than your best'

Jesus said, 'I am the light of the world. Whoever follows Me will not walk in darkness, but will have the light of life.' John 8:12



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Subject specific questions about Mathematics

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<p>What do I mean when I say fluency, reasoning and problem solving?</p> <ul style="list-style-type: none"> • Fluency – don't know what that means/ Not sure on the word. • Reasoning – writing because and writing some words about a question. • Reasoning – Telling somebody something
<p>Why might I use times tables in real life?</p> <ul style="list-style-type: none"> • If you're a scientist or using it playing football to calculate where to go and what to do. • You can use it in maths or help you on white boards. • Impress your parents or teacher.
<p>Show me a bar model. How might you use it?</p> <p>Children all drew bar models and discussed 'part-whole' models. They are used to calculate numbers. One bar model was not done in equal parts so we discussed why this is sometimes important and other times it is not, depending on the question you are solving.</p>
<p>Make an array.</p> <p>Children did not recognise the word and attempted to draw images, 2 of which looked like base 10 diagrams.</p>
<p>Explain how I might work out fractions of a shape/ amount.</p> <ul style="list-style-type: none"> • If it was a quarter then you would work out 0.25 or divide it by 4. You could half and half again. • To find a third then you divide by three. • Sometimes you have to times the number by the numerator (child showed method for fractions of amounts in policy).
<p>Explain what this is and how you might use it (5/10 frame)</p> <ul style="list-style-type: none"> • It shows tenths, you can work tenths out. • Children could not name it as a tens frame.
<p>What do you have in class that helps you in maths?</p> <ul style="list-style-type: none"> • We have protractors and rulers. • We have calculators that we can use in some lessons or to check answers. • Counters and things we can use. • Grids and place value grids and base tens for fractions. • We have a maths wall that has correct vocabulary and methods – other people agreed but had not mentioned independently.

Action to take as a result of Lower Key Stage 2 Pupil Feedback on Mathematics

The children gave some good answers in terms of fractions, but it remains an area that learners are often unsure about. Link fractions with other areas of the curriculum to embed learning. Children were not confident showing working out/ explaining answers to me. This is probably because they are unfamiliar with me, but having children in the habit of coming to the front of class and showing working out or explaining answers is good practice and will eventually increase confidence.

It was great that one child referenced a maths wall – this needs to be a priority this year to support learning. It is a great place to display vocabulary too, which is another area children struggled with. Make sure to keep modelling correct vocabulary and begin to use some of the tasks that I will show staff during the start of Autumn Term.

Working out on whiteboards – why not in books? The use of whiteboards is also a good tool to support learning and a good assessment tool, but avoid too much use of whiteboards in lesson time. Children should be confident to do their working out in their books.

Next Pupil Feedback review: Spring Term 2023

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